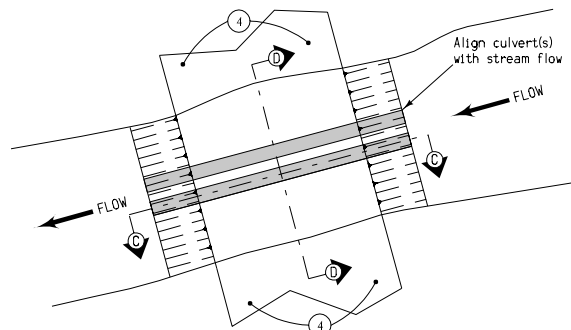
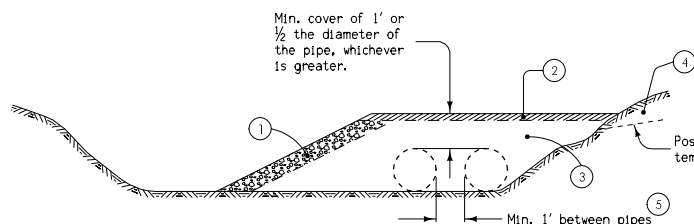


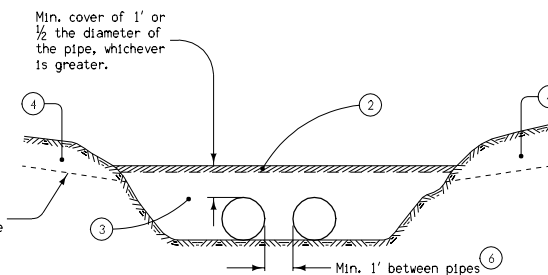
TYPICAL PLAN (CAUSEWAY, PAD, ETC.)



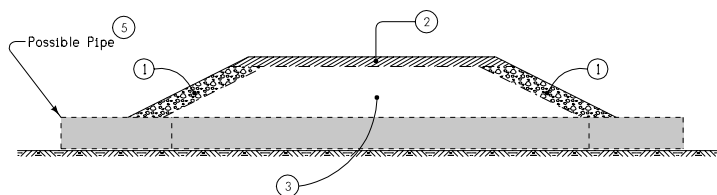
TYPICAL PLAN (STREAM CROSSING)



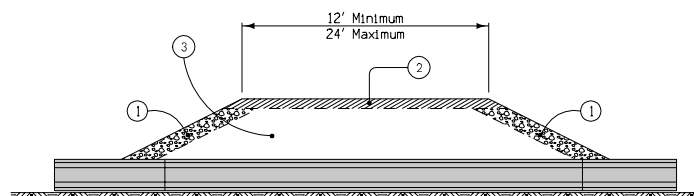
SECTION B-B (CAUSEWAY)



SECTION D-D (STREAM CROSSING)



SECTION A-A



SECTION C-C

- ① Minimum 1 foot of Class D or E Revetment or broken concrete with no exposed steel.
- ② Possible choke layer for construction traffic. Material shall be any combination of Erosion Stone, Granular Backfill, Special Backfill (except with reclaimed HMA), Granular Surfacing Material, or Granular Soils of AASHTO classification A-1 or A-2 with less than 15% fines passing the #200 sieve.
- ③ No silts, clays, or organic materials shall be used for the construction of temporary stream structures within the waterway channel. Broken concrete, revetment, and granular materials are acceptable. Revetment used for temporary stream structures may be reused elsewhere on the project if it meets class requirements specified.
- ④ Material cut from the bank for access to construct and use a temporary stream structure shall be moved to an upland location.
- ⑤ Pipe required if structure spans greater than half the distance between the banks. Pipe size shall be determined by the Contractor.
- ⑥ Pipe required. Pipe size shall be determined by the Contractor.

 Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RL-16

REVISION: Modify acceptable material; add drawing for causeway, pad, etc.; move general notes to Spec. Book; change title.

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

REVISION NO.

1

REVISION DATE

10-19-04

TEMPORARY STREAM
CROSSING OR CAUSEWAY